

Sneak Preview

LASER World of Photonics, Munich, Germany
June 22-25, 2015



THE PULSE OF THE INDUSTRY



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New Qioptiq Laser Wavelengths

Qioptiq **iFLEX-iRIS** Lasers now add 505, 532, 561 and 594nm to an already extensive wavelength offering from 375 – 852nm. Available power up to 220mW, these compact lasers deliver exceptional stability for critical applications in biotech, metrology, industry and research.



see us at Hall B1 Booth 103

www.qioptiq.com

High Performance USB3 Cameras



Lumenera's high performance **USB3 cameras** deliver exceptional color, high resolution, low-light imaging with sensitivity extending into the near-infrared. Ideal for applications such as: laser profiling, high-speed inspection, life sciences and NIR applications. Hardware and software customizations are available for your OEM designs.



see us at Hall A2 Booth 200

www.lumenera.com

Fiber-Coupled Pump Module

High-brightness fiber laser pump modules with optional VBG for wavelength stabilization available up to 240W, 200µm, 915nm, 250W, 200µm, 976nm and 270W, 225µm, 976nm. **Tailored bar** based, these fiber-coupled modules target a wide range of high-power fiber-laser pumping applications in industry, research and development, as well as in direct diode applications.



see us at Hall A3 Booth 205

www.dilas.com

NTKJ's Elliptical Fresnel Lens



NTKJ has developed an **Elliptical Fresnel lens** for freeform optical components. The Japanese-based sheet lens manufacturer, specializing in ultra-precision machining, added the Elliptical shaped Fresnel in order to reduce thickness of the conventional freeform optical components. Our sole agent RHK Japan is happy to hear your request.

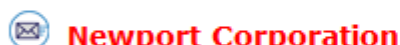


see us at Hall B3 Booth 367/3

www.ntkj.co.jp

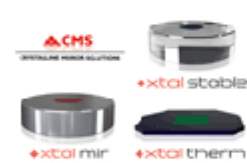
IDL Industrial Linear Stages

A family of robust, **industrial-grade linear motor stages** designed for high throughput and reliability. Specifically designed for laser micro-machining applications that require high precision, down to 250 nm. Additional features include a hard top cover, flexible side bands and air purge.



see us at Hall B3 Booth 319

www.newport.com



Single-Crystal Supermirrors

Crystalline coatings are redefining the standards of precision laser optics. **GaAs/AlGaAs-based monocrystalline multilayers** can now be employed for high-reflectivity mirrors with ultralow Brownian noise (xtal stable), low-loss mid-infrared reflectors (xtal mir), and, finally, low-loss and high-thermal-conductivity mirrors for ultrafast lasers (xtal therm).

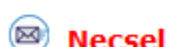


see us at Hall B1 Booth 447

www.crystallinemirrors.com

Custom Laser Module

The **IR-RGB-V NovaLum** platform allows you to customize up to eight lasers in a module with the cost and performance metrics to enable your next product. This module offers violet to infrared wavelengths and is fiber-coupled with a 400µ connector. Combined with the Necsel Intelligent Controller, the IR-RGB-V NovaLum offers temperature feedback, high-speed modulation, and is easily integrated into any OEM system.



see us at Hall B2 Booth 145/5

www.necsel.com



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www.Photonics.com

2015 Laser World of Photonics

Shedding light on industry innovations through multifaceted forums, live presentations and a diverse range of shows, the 2015 Laser World of Photonics conference and trade fair will provide visitors with laser knowledge for business, research and the global marketplace.



Sponsored by Messe München International, the event will be held June 22-25, 2015 at the Munich Trade Fair Center in Munich, celebrating the "light solutions for the society challenges of our world."

More than 1180 exhibitors are expected at the biennial conference, showcasing innovations, products and ideas to 27,000 visitors.

Acknowledging the political, economic and societal positions of optical technologies, special guest speakers include UNESCO's Dr. Flavia Schlegel, the National Science Foundation's Dr. Lawrence Goldberg, the African Physical Society's Dr. Yanne Chembo and the International Year of Light's Dr. John Dudley.

Interactive lectures will cover several topics – Biophotonics and Medical Applications, Lasers and Optics, Industrial Laser Application, and Optical Metrology and Imaging. These interactive "practice-oriented lectures" feature industry representatives discussing the challenges in the field, as well as solutions and best practices with various optical technologies.

The inaugural Startup World exhibition, an innovation platform for young start-up photonics companies, will also take place at the conference. Fledgling companies are given the opportunity to showcase their pioneering products and technologies to a broad-based audience. The program serves to directly connect start-up companies with investors, industrial partners and sponsors.

A special show on photonics applications in automotive manufacturing, "Photonics Applications in the Automotive Sector," will display the first vehicle to feature laser light, a BMW i8. It will also function as a meeting place for users, automotive industry suppliers and trade visitors.

An industry forum on laser technology for those in business management, investment, marketing and distribution will focus on the international markets of laser materials processing. And application-oriented panel discussions will cover topics under the umbrellas of biophotonics and medical applications, industrial laser applications, optical metrology and imaging, and lasers and optics.

A wide spectrum of the industry will be represented at the conference, in numerous exhibition sectors. From components and systems to industrial applications and services, these sectors will cover a wide range of photonics solutions. Additionally, a Machine Vision Pavilion will exhibit complete imaging systems, as well as new solutions and suppliers.

Exhibitors and researchers from across the globe will present technology not only in lasers and optoelectronics, but also laser systems for production engineering and more.

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